Release 3.1A John F. Collins, Biocomputing Research Unit.

MPsrch_nn n.a. - n.a. database search, using Smith-Waterman algorithm

Run on: Tue Dec 28 20:54:56 1999; MasPar time 200.37 Seconds
1218.088 Million cell updates/sec

Tabular output not generated.

Title: >US-09-327-230-1
Description: (1-2822) from US09327230.seq
Perfect Score: 2822
N.A. Sequence: 1 gcaacgcacacagacaggca.....ttccaggtttgggtttcggg 2822
Comp: cgttgcgtgtgtctgtccgt.....aaggtccaaacccaaagccc

Scoring table: TABLE default
Gap 6

Nmatch STD : Dbase 0; Query 0

Searched: 165359 seqs, 43243793 bases x 2

Post-processing: Minimum Match 0%
Listing first 45 summaries

Database: n-issued
1:5A_COMB 2:5B_COMB 3:5C_COMB 4:PCT9_COMB 5:backfiles1

Statistics: Mean 9.317; Variance 4.821; scale 1.932

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.	Score	% Query Match	Length	DB	ID	Description	Pred. No.
c	1	83	2.9	7218	2	US-08-232-	Sequence 14, Applicati	7.12e-42
	2	59	2.1	7218	2	US-08-232-	Sequence 14, Applicati	3.12e-24
	3	39	1.4	965	3	US-08-388-	Sequence 22, Applicati	1.83e-10
	4	30	1.1	215	1	US-08-238-	Sequence 5, Applicatio	8.22e-05
c	5	31	1.1	215	1	US-08-238-	Sequence 5, Applicatio	2.05e-05
c	6	32	1.1	965	3	US-08-388-	Sequence 22, Applicati	5.04e-06
c	7	25	0.9	74	4	PCT-US95-1	Sequence 100, Applicat	6.30e-02
c	8	25	0.9	81	4	PCT-US95-1	Sequence 98, Applicati	6.30e-02
	9	24	0.9	90	3	US-08-442-	Sequence 30, Applicati	2.22e-01
c	10	24	0.9	105	1	US-07-865-	Sequence 13, Applicati	2.22e-01
c	11	24	0.9	1200	2	US-08-672-	Sequence 2, Applicatio	2.22e-01
c	12	24	0.9	1200	1	US-08-357-	Sequence 2, Applicatio	2.22e-01
c	13	24	0.9	2277	3	US-08-676-	Sequence 2, Applicatio	2.22e-01
c	14	24	0.9	2277	2	US-08-676-	Sequence 2, Applicatio	2.22e-01
c	15	22	0.8	65	1	US-08-471-	Sequence 145, Applicat	2.53e+00
c	16	22	0.8	66	1	US-08-471-	Sequence 144, Applicat	2.53e+00
c	17	22	0.8	68	1	US-08-471-	Sequence 143, Applicat	2.53e+00
	18	22	0.8	69	1	US-08-471-	Sequence 142, Applicat	2.53e+00
c	19	22	0.8	69	1	US-08-471-	Sequence 142, Applicat	2.53e+00
	20	23	0.8	74	4	PCT-US95-1	Sequence 94, Applicati	7.61e-01
c	21	22	0.8	74	4	PCT-US95-1	Sequence 94, Applicati	2.53e+00
	22	23	0.8	75	4	PCT-US95-1	Sequence 99, Applicati	7.61e-01
c	23	23	0.8	75	4	PCT-US95-1	Sequence 99, Applicati	7.61e-01
	24	23	0.8	81	4	PCT-US95-1	Sequence 92, Applicati	7.61e-01
	25	22	0.8	81	4	PCT-US95-1	Sequence 98, Applicati	2.53e+00
c	26	22	0.8	81	4	PCT-US95-1	Sequence 92, Applicati	2.53e+00
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c	28	23	0.8	82	4	PCT-US95-1	Sequence 97, Applicati	7.61e-01
	29	23	0.8	92	3	US-08-353-	Sequence 4, Applicatio	7.61e-01
	30	22	0.8	92	3	US-08-353-	Sequence 16, Applicati	2.53e+00
	31	22	0.8	242	1	US-08-273-	Sequence 1, Applicatio	2.53e+00
	32	23	0.8	657	1	US-08-412-	Sequence 1, Applicatio	7.61e-01
	33	23	0.8	1288	2	US-08-440-	Sequence 9, Applicatio	7.61e-01
c	34	23	0.8	1881	4	PCT-US94-0	Sequence 2, Applicatio	7.61e-01
	35	23	0.8	1954	3	US-08-577-	Sequence 3, Applicatio	7.61e-01
	36	23	0.8	1954	1	US-08-097-	Sequence 3, Applicatio	7.61e-01
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c	38	23	0.8	2679	1	US-07-977-	Sequence 11, Applicati	7.61e-01
c	39	23	0.8	2679	4	PCT-US91-0	Sequence 11, Applicati	7.61e-01
c	40	23	0.8	2679	3	US-08-458-	Sequence 11, Applicati	7.61e-01
c	41	22	0.8	2700	1	US-08-484-	Sequence 5, Applicatio	2.53e+00
	42	22	0.8	4286	3	US-08-249-	Sequence 1, Applicatio	2.53e+00
c	43	22	0.8	4383	5	5177307-1	Patent No. 5177307.	2.53e+00
c	44	22	0.8	4383	5	5175095-4	Patent No.5175095.	2.53e+00
	45	23	0.8	5852	1	US-07-867-	Sequence 2, Applicatio	7.61e-01

ALIGNMENTS

RESULT 1
ID US-08-232-463-14 STANDARD; DNA; UNC; 7218 BP.
AC xxxxxx
DT
DE Sequence 14, Application US/08232463
CC Sequence 14, Application US/08232463
CC Patent No. 5670367
CC GENERAL INFORMATION:
CC APPLICANT: DORNER, F.
CC APPLICANT: SCHEIFLINGER, F.
CC APPLICANT: FALKNER, F. G.
CC TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
CC NUMBER OF SEQUENCES: 52
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Foley & Lardner
CC STREET: 1800 Diagonal Road, Suite 500
CC CITY: Alexandria
CC STATE: VA
CC COUNTRY: USA
CC ZIP: 22313-0299
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.25
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/232,463
CC FILING DATE:
CC CLASSIFICATION: 435
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US/07/935,313
CC FILING DATE:
CC APPLICATION NUMBER: EP 91 114 300.6
CC FILING DATE: 26-AUG-1991
CC ATTORNEY/AGENT INFORMATION:
CC NAME: BENT, Stephen A.
CC REGISTRATION NUMBER: 29,768
CC REFERENCE/DOCKET NUMBER: 30472/114 IMMU
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (703)836-9300
CC TELEFAX: (703)683-4109
CC TELEX: 899149
CC INFORMATION FOR SEQ ID NO: 14:
CC SEQUENCE CHARACTERISTICS:

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CC        LENGTH:  7218 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  single
CC        TOPOLOGY:  linear
CC      IMMEDIATE SOURCE:
CC        CLONE:  pTZgpt-F1s
SQ   SEQUENCE 7218 BP; 1944 A; 1491 C; 1486 G; 1929 T; 368 OTHER.

  Query Match            2.9%;  Score 83;  DB 2;  Length 7218;
  Best Local Similarity   0.8%;  Pred. No. 7.12e-42;
  Matches     3;  Conservative  219;  Mismatches 139;  Indels   0;  Gaps   0;

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Cp    474 gtcagtcattctttgtccttgtaattgaattcttttcaatccaatagtctgctagattta 415

Db   1244 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1303
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Db   1304 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1363
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Db   1364 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1423
           ::::::::: :: :::: :  :   ::: :  :  :: ::: : : : :::::::: :::
Cp    294 cctttccttgctattttgcaacaagtccacaacagttgctcgtgtgtatttcctctgtct 235

Db   1424 Y 1424
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Cp    234 c 234


RESULT    2
ID   US-08-232-463-14 STANDARD; DNA; UNC; 7218 BP.
AC   xxxxxx
DT
DE   Sequence 14, Application US/08232463
CC   Sequence 14, Application US/08232463
CC   Patent No. 5670367
CC    GENERAL INFORMATION:
CC      APPLICANT:  DORNER, F.
CC      APPLICANT:  SCHEIFLINGER, F.
CC      APPLICANT:  FALKNER, F. G.
CC      TITLE OF INVENTION:  RECOMBINANT FOWLPOX VIRUS
CC      NUMBER OF SEQUENCES:  52
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Foley & Lardner
CC        STREET:  1800 Diagonal Road, Suite 500
CC        CITY:  Alexandria
CC        STATE:  VA
CC        COUNTRY:  USA
CC        ZIP:  22313-0299
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.25
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/232,463
CC        FILING DATE:
CC        CLASSIFICATION:  435
CC      PRIOR APPLICATION DATA:
CC        APPLICATION NUMBER:  US/07/935,313
CC        FILING DATE:
CC        APPLICATION NUMBER:  EP 91 114 300.6
CC        FILING DATE:  26-AUG-1991
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  BENT, Stephen A.
CC        REGISTRATION NUMBER:  29,768
CC        REFERENCE/DOCKET NUMBER:  30472/114 IMMU
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  (703)836-9300
CC        TELEFAX:  (703)683-4109
CC        TELEX:  899149
CC    INFORMATION FOR SEQ ID NO:  14:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  7218 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  single
CC        TOPOLOGY:  linear
CC      IMMEDIATE SOURCE:
CC        CLONE:  pTZgpt-F1s
SQ   SEQUENCE 7218 BP; 1944 A; 1491 C; 1486 G; 1929 T; 368 OTHER.

  Query Match            2.1%;  Score 59;  DB 2;  Length 7218;
  Best Local Similarity   1.6%;  Pred. No. 3.12e-24;
  Matches     6;  Conservative  211;  Mismatches 158;  Indels   0;  Gaps   0;

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ID   US-08-388-672A-22 STANDARD; DNA; UNC; 965 BP.
AC   xxxxxx
DT
DE   Sequence 22, Application US/08388672A
CC   Sequence 22, Application US/08388672A
CC   Patent No. 5795961
CC    GENERAL INFORMATION:
CC      APPLICANT:  Wallace, T. Paul
CC      APPLICANT:  Harris, William J.
CC      APPLICANT:  Carr, Frank J.
CC      APPLICANT:  Old, Lloyd J.
CC      APPLICANT:  Welt, Sydney
CC      APPLICANT:  Kitamura, Kunio
CC      TITLE OF INVENTION:  Recombinant Human Anti-Lewis B
CC      TITLE OF INVENTION:  Antibodies
CC      NUMBER OF SEQUENCES:  25
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Felfe and Lynch
CC        STREET:  805 Third Avenue
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CC        CITY:  New York
CC        STATE:  New York
CC        COUNTRY:  U.S.A.
CC        ZIP:  10022
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.30
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/388,672A
CC        FILING DATE:  14-FEB-1995
CC        CLASSIFICATION:
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  Hanson, No. 5795961man D.
CC        REGISTRATION NUMBER:  30,946
CC        REFERENCE/DOCKET NUMBER:  LUD 5409
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  212-688-9200
CC        TELEFAX:  212-838-3884
CC    INFORMATION FOR SEQ ID NO:  22:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  965 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  unknown
CC        TOPOLOGY:  unknown
CC      MOLECULE TYPE:  DNA (genomic)
SQ   SEQUENCE 965 BP; 192 A; 170 C; 226 G; 200 T; 177 OTHER.

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AC   xxxxxx
DT
DE   Sequence 5, Application US/08238163
CC   Sequence 5, Application US/08238163
CC   Patent No. 5569830
CC    GENERAL INFORMATION:
CC      APPLICANT:  BENNETT, Alan
CC      APPLICANT:  LABAVITCH, John M.
CC      APPLICANT:  POWELL, Ann
CC      APPLICANT:  STOTZ, Henrik
CC      TITLE OF INVENTION:  PLANT INHIBITORS OF FUNGAL
CC      TITLE OF INVENTION:  POLYGALACTURONASES AND THEIR USE TO CONTROL FUNGAL DISEASE
CC      NUMBER OF SEQUENCES:  24
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Townsend and Townsend Khourie and Crew
CC        STREET:  Steuart Street Tower, One Market Plaza
CC        CITY:  San Francisco
CC        STATE:  California
CC        COUNTRY:  US
CC        ZIP:  94105-1493
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.25
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/238,163
CC        FILING DATE:  03-MAY-1994
CC        CLASSIFICATION:  800
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  Bastian, Kevin L.
CC        REGISTRATION NUMBER:  34,774
CC        REFERENCE/DOCKET NUMBER:  2307E-540
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  (415) 543-9600
CC        TELEFAX:  (415) 543-5043
CC    INFORMATION FOR SEQ ID NO:  5:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  215 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  single
CC        TOPOLOGY:  unknown
CC      MOLECULE TYPE:  protein
CC      FEATURE:
CC        NAME/KEY:  misc_feature
CC        LOCATION:  1..215
CC        OTHER INFORMATION:  /standard_name= "Deduced amino acid
CC        OTHER INFORMATION:  sequence of PGIP from bean."
SQ   SEQUENCE 215 BP; 15 A; 8 C; 25 G; 26 T; 141 OTHER.

  Query Match             1.1%;  Score 30;  DB 1;  Length 215;
  Best Local Similarity  17.0%;  Pred. No. 8.22e-05;
  Matches    31;  Conservative    70;  Mismatches   78;  Indels    3;  Gaps    3;

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RESULT    5
ID   US-08-238-163-5 STANDARD; DNA; UNC; 215 BP.
AC   xxxxxx
DT
DE   Sequence 5, Application US/08238163
CC   Sequence 5, Application US/08238163
CC   Patent No. 5569830
CC    GENERAL INFORMATION:
CC      APPLICANT:  BENNETT, Alan
CC      APPLICANT:  LABAVITCH, John M.
CC      APPLICANT:  POWELL, Ann
CC      APPLICANT:  STOTZ, Henrik
CC      TITLE OF INVENTION:  PLANT INHIBITORS OF FUNGAL
CC      TITLE OF INVENTION:  POLYGALACTURONASES AND THEIR USE TO CONTROL FUNGAL DISEA
CC      NUMBER OF SEQUENCES:  24
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Townsend and Townsend Khourie and Crew
CC        STREET:  Steuart Street Tower, One Market Plaza
CC        CITY:  San Francisco
CC        STATE:  California
CC        COUNTRY:  US
CC        ZIP:  94105-1493
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.25
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/238,163
CC        FILING DATE:  03-MAY-1994
CC        CLASSIFICATION:  800
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CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  Bastian, Kevin L.
CC        REGISTRATION NUMBER:  34,774
CC        REFERENCE/DOCKET NUMBER:  2307E-540
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  (415) 543-9600
CC        TELEFAX:  (415) 543-5043
CC    INFORMATION FOR SEQ ID NO:  5:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  215 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  single
CC        TOPOLOGY:  unknown
CC      MOLECULE TYPE:  protein
CC      FEATURE:
CC        NAME/KEY:  misc_feature
CC        LOCATION:  1..215
CC        OTHER INFORMATION:  /standard_name= "Deduced amino acid
CC        OTHER INFORMATION:  sequence of PGIP from bean."
SQ   SEQUENCE 215 BP; 15 A; 8 C; 25 G; 26 T; 141 OTHER.

  Query Match             1.1%;  Score 31;  DB 1;  Length 215;
  Best Local Similarity  14.6%;  Pred. No. 2.05e-05;
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Cp   2248 ggttgcgtcacggcagggaaggga-ggaagggcggggaaggaggcaattgtacgcgacca 2190

Db    193 CGGGNKRDVS 202
           ||   :: ::
Cp   2189 cgcatggcgc 2180


RESULT    6
ID   US-08-388-672A-22 STANDARD; DNA; UNC; 965 BP.
AC   xxxxxx
DT
DE   Sequence 22, Application US/08388672A
CC   Sequence 22, Application US/08388672A
CC   Patent No. 5795961
CC    GENERAL INFORMATION:
CC      APPLICANT:  Wallace, T. Paul
CC      APPLICANT:  Harris, William J.
CC      APPLICANT:  Carr, Frank J.
CC      APPLICANT:  Old, Lloyd J.
CC      APPLICANT:  Welt, Sydney
CC      APPLICANT:  Kitamura, Kunio
CC      TITLE OF INVENTION:  Recombinant Human Anti-Lewis B
CC      TITLE OF INVENTION:  Antibodies
CC      NUMBER OF SEQUENCES:  25
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Felfe and Lynch
CC        STREET:  805 Third Avenue
CC        CITY:  New York
CC        STATE:  New York
CC        COUNTRY:  U.S.A.
CC        ZIP:  10022
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.30
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/388,672A
CC        FILING DATE:  14-FEB-1995
CC        CLASSIFICATION:
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  Hanson, No. 5795961man D.
CC        REGISTRATION NUMBER:  30,946
CC        REFERENCE/DOCKET NUMBER:  LUD 5409
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  212-688-9200
CC        TELEFAX:  212-838-3884
CC    INFORMATION FOR SEQ ID NO:  22:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  965 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  unknown
CC        TOPOLOGY:  unknown
CC      MOLECULE TYPE:  DNA (genomic)
SQ   SEQUENCE 965 BP; 192 A; 170 C; 226 G; 200 T; 177 OTHER.

  Query Match             1.1%;  Score 32;  DB 3;  Length 965;
  Best Local Similarity  15.9%;  Pred. No. 5.04e-06;
  Matches    23;  Conservative   70;  Mismatches  49;  Indels   3;  Gaps   3;

Db    821 GGYTNYNGKRGRVTMADTSSNSRSSVTAADTAVYYCVRGRSYDSDGGDYWGGTTVTVSSH 880
          ||:|    ::|::  |:| :   : : | :  : : :: :: : : |:::|  |: ::::
Cp   2294 ggttcggctagggagaatacattgtacacgatggtgagcgcagtgtggttgcgtcacggc 2235

Db    881 UVKDMTSSSSASVGDRVTTCRSSTTHGNGNTYYWYKGKAKYRVSNRSGVSRSGSGSGTDY 940
           :::: ::: |:: :::  |::: :|    : :::|:| :::: : ::  :|:| ::
Cp   2234 agggaaggg-aggaaggg-cggggaaggaggcaattgta-cgcgaccacgcatggcgctt 2178

Db    941 TTSSDATYYCGTHARTGGTKVKGUR 965
           | :::  :: ||: :||| ::: ::
Cp   2177 tgcggcatttgtcggtggagctttg 2153


RESULT    7
ID   PCT-US95-11934-100 STANDARD; DNA; UNC; 74 BP.
AC   xxxxxx
DT
DE   Sequence 100, Application PC/TUS9511934
CC   Sequence 100, Application PC/TUS9511934
CC    GENERAL INFORMATION:
CC      APPLICANT:  Cytogen Corporation
CC      TITLE OF INVENTION:  Antigen Binding Peptides (Abtides) From
CC      TITLE OF INVENTION:  Peptide Libraries
CC      NUMBER OF SEQUENCES:  103
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Pennie & Edmonds
CC        STREET:  1155 Avenue of the Americas
CC        CITY:  New York
CC        STATE:  New York
CC        COUNTRY:  USA
CC        ZIP:  10036
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.30
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  PCT/US95/11934
CC        FILING DATE:  20-SEP-1995
CC        CLASSIFICATION:
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  Misrock, S. Leslie
CC        REGISTRATION NUMBER:  18,872
CC        REFERENCE/DOCKET NUMBER:  1101-196-228
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  (212) 790-9090
CC        TELEFAX:  (212) 869-9741/8864
CC        TELEX:  66141 PENNIE
CC    INFORMATION FOR SEQ ID NO:  100:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  74 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  single
CC        TOPOLOGY:  linear
CC      MOLECULE TYPE:  DNA (genomic)
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```
SQ   SEQUENCE 74 BP; 6 A; 6 C; 1 G; 1 T; 60 OTHER.

  Query Match            0.9%;  Score 25;  DB 4;  Length 74;
  Best Local Similarity  11.6%;  Pred. No. 6.30e-02;
  Matches     8;  Conservative   19;  Mismatches  42;  Indels   0;  Gaps   0;

Db      1 CTAGAVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNV 60
          |||||:  :  :  :  :     :  :  :  :  :  :  :  :  :  :  :  :
Cp    714 ctagacaaaagaatgttggctcagtcggtgcaacaaaaaatagaaacaaaattaaccttc 655

Db     61 NNVNNACCA 69
            :  | ||
Cp    654 tagttagca 646


RESULT    8
ID   PCT-US95-11934-98 STANDARD; DNA; UNC; 81 BP.
AC   xxxxxx
DT
DE   Sequence 98, Application PC/TUS9511934
CC   Sequence 98, Application PC/TUS9511934
CC    GENERAL INFORMATION:
CC      APPLICANT:  Cytogen Corporation
CC      TITLE OF INVENTION:  Antigen Binding Peptides (Abtides) From
CC      TITLE OF INVENTION:  Peptide Libraries
CC      NUMBER OF SEQUENCES:  103
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Pennie & Edmonds
CC        STREET:  1155 Avenue of the Americas
CC        CITY:  New York
CC        STATE:  New York
CC        COUNTRY:  USA
CC        ZIP:  10036
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.30
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  PCT/US95/11934
CC        FILING DATE:  20-SEP-1995
CC        CLASSIFICATION:
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  Misrock, S. Leslie
CC        REGISTRATION NUMBER:  18,872
CC        REFERENCE/DOCKET NUMBER:  1101-196-228
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  (212) 790-9090
CC        TELEFAX:  (212) 869-9741/8864
CC        TELEX:  66141 PENNIE
CC    INFORMATION FOR SEQ ID NO:  98:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  81 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  single
CC        TOPOLOGY:  linear
CC      MOLECULE TYPE:  DNA (genomic)
SQ   SEQUENCE 81 BP; 6 A; 6 C; 4 G; 5 T; 60 OTHER.

  Query Match            0.9%;  Score 25;  DB 4;  Length 81;
  Best Local Similarity  11.6%;  Pred. No. 6.30e-02;
  Matches     8;  Conservative   19;  Mismatches  42;  Indels   0;  Gaps   0;

Db      8 CTAGAVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNV 67
          |||||:  :  :  :  :     :  :  :  :  :  :  :  :  :  :  :  :
Cp    714 ctagacaaaagaatgttggctcagtcggtgcaacaaaaaatagaaacaaaattaaccttc 655

Db     68 NNVNNACCA 76
            :  | ||
Cp    654 tagttagca 646


RESULT    9
ID   US-08-442-461D-30 STANDARD; DNA; UNC; 90 BP.
AC   xxxxxx
DT
DE   Sequence 30, Application US/08442461D
CC   Sequence 30, Application US/08442461D
CC   Patent No. 5834184
CC    GENERAL INFORMATION:
CC      APPLICANT:  Harada, Kazuo
CC      APPLICANT:  Martin, Shelley S.
CC      APPLICANT:  Frankel, Alan
CC      TITLE OF INVENTION:  In Vivo Selection of RNA-Binding
CC      TITLE OF INVENTION:  Peptides
CC      NUMBER OF SEQUENCES:  35
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Townsend and Townsend and Crew LLP
CC        STREET:  Two Embarcadero Center, Eighth Floor
CC        CITY:  San Francisco
CC        STATE:  California
CC        COUNTRY:  USA
CC        ZIP:  94111-3834
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.30
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/442,461D
CC        FILING DATE:  17-MAY-1995
CC        CLASSIFICATION:  435
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  Liebeschuetz, Joe
CC        REGISTRATION NUMBER:  37,505
CC        REFERENCE/DOCKET NUMBER:  02307U-060500US
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  (415) 576-0200
CC        TELEFAX:  (415) 576-0300
CC    INFORMATION FOR SEQ ID NO:  30:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  90 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  single
CC        TOPOLOGY:  linear
CC      MOLECULE TYPE:  DNA
SQ   SEQUENCE 90 BP; 12 A; 16 C; 14 G; 20 T; 28 OTHER.

  Query Match            0.9%;  Score 24;  DB 3;  Length 90;
  Best Local Similarity  25.0%;  Pred. No. 2.22e-01;
  Matches    11;  Conservative   23;  Mismatches  10;  Indels   0;  Gaps   0;

Db     13 ATGGCCMRTMRTMRTMRTMRTMRTMRTMRTMRTMRTMRTMRTMR 56
          || || :: ::  :|: |::|::|:: :: ::|::| :|:: ::
Qy    281 atagcaaggaaaggtattagtaatagcaagcataattgtaggag 324


RESULT   10
ID   US-07-865-662F-13 STANDARD; DNA; UNC; 105 BP.
AC   xxxxxx
DT
DE   Sequence 13, Application US/07865662F
CC   Sequence 13, Application US/07865662F
CC   Patent No. 5451670
CC    GENERAL INFORMATION:
CC      APPLICANT:  Marcia M. Miller
CC      TITLE OF INVENTION:  Restriction Fragment Length
CC      TITLE OF INVENTION:  Polymorphism Test For Haplotyping Domesticated Fowl
CC      NUMBER OF SEQUENCES:  14
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  City of Hope
CC        STREET:  1500 East Duarte Road
CC        CITY:  Duarte
CC        STATE:  California
CC        COUNTRY:  United States of America
CC        ZIP:  91010-0269
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CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  3M Double Density 5 1/4" diskette
CC        COMPUTER:  Wang PC
CC        OPERATING SYSTEM:  MS DOS Version 3.20
CC        SOFTWARE:  Microsoft
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/07/865,662F
CC        FILING DATE:  07 April, 1992
CC        CLASSIFICATION:  435
CC      PRIOR APPLICATION DATA:
CC        APPLICATION NUMBER:  07/688,326
CC        FILING DATE:  22 April 1991
CC        APPLICATION NUMBER:  07/588,922
CC        FILING DATE:  27 September 1990
CC        APPLICATION NUMBER:  07/210,405
CC        FILING DATE:  23 June 1988
CC        APPLICATION NUMBER:  US 07/130,529
CC        FILING DATE:  9 December 1987
CC        APPLICATION NUMBER:  US 07/068,176
CC        FILING DATE:  30 June 1987
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  Irons, Edward S.
CC        REGISTRATION NUMBER:  16,541
CC        REFERENCE/DOCKET NUMBER:  No. 5451670e
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  (202) 783-6040
CC        TELEFAX:  (202) 783-6031
CC        TELEX:  No. 5451670e
CC    INFORMATION FOR SEQ ID NO:  13:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  105
CC        TYPE:  Nucleic Acid
CC        STRANDEDNESS:  Double
CC        TOPOLOGY:  Linear
CC      MOLECULE TYPE:  DNA
CC      ORIGINAL SOURCE:  Synthetically Prepared
CC      IMMEDIATE SOURCE:  Synthetically Prepared
SQ   SEQUENCE 105 BP; 15 A; 0 C; 8 G; 1 T; 81 OTHER.

  Query Match             0.9%;  Score 24;  DB 1;  Length 105;
  Best Local Similarity   9.5%;  Pred. No. 2.22e-01;
  Matches     8;  Conservative   28;  Mismatches  48;  Indels   0;  Gaps   0;

Db      4 KVGNNAKNSNNNKSNNAVKNGNNAKNSGKNKSANAVNNGNNAKNSNNNKSNNMGTRDNKN 63
          ::|  |  :   ::   :: |  |: : : ::|  :  |  |: :   ::  :   :
Cp   2244 gcgtcacggcagggaagggaggaagggcggggaaggaggcaattgtacgcgaccacgcat 2185

Db     64 NRNAAKNNNSGVADNKNNASNNYD 87
            :   :   :|: : :   :  ::
Cp   2184 ggcgctttgcggcatttgtcggtg 2161


RESULT   11
ID   US-08-672-514-2 STANDARD; DNA; UNC; 1200 BP.
AC   xxxxxx
DT
DE   Sequence 2, Application US/08672514
CC   Sequence 2, Application US/08672514
CC   Patent No. 5686248
CC    GENERAL INFORMATION:
CC      APPLICANT:  BURNIE Mr., James P.
CC      APPLICANT:  MATTHEWS Ms., Ruth C.
CC      TITLE OF INVENTION:  FUNGAL STRESS PROTEINS
CC      NUMBER OF SEQUENCES:  10
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Cushman, Darby & Cushman
CC        STREET:  1100 New York Avenue, N.W.
CC        CITY:  Washington
CC        STATE:  DC
CC        COUNTRY:  USA
CC        ZIP:  20005-3918
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.25
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/672,514
CC        FILING DATE:  28-JUN-1996
CC        CLASSIFICATION:  435
CC      PRIOR APPLICATION DATA:
CC        APPLICATION NUMBER:  08/152,669
CC        FILING DATE:  16-NOV-1993
CC        APPLICATION NUMBER:  US 08/152669
CC        FILING DATE:  16-NOV-1993
CC        APPLICATION NUMBER:  US 663897
CC        FILING DATE:  14-MAR-1991
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  KOKULIS, Paul N.
CC        REGISTRATION NUMBER:  16773
CC        REFERENCE/DOCKET NUMBER:  PNK/5544/202253/DJP
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  202-861-3000
CC        TELEFAX:  202-822-0944
CC        TELEX:  6714627 CUSH
CC    INFORMATION FOR SEQ ID NO:  2:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  1200 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  single
CC        TOPOLOGY:  linear
CC      MOLECULE TYPE:  DNA (genomic)
SQ   SEQUENCE 1200 BP; 406 A; 224 C; 230 G; 323 T; 17 OTHER.

  Query Match             0.9%;  Score 24;  DB 2;  Length 1200;
  Best Local Similarity  42.5%;  Pred. No. 2.22e-01;
  Matches    17;  Conservative   15;  Mismatches   8;  Indels   0;  Gaps   0;

Db    315 TTTCTCCAAGAACAYCAAAYYHHHYAYYCAYHAAHAYHCY 354
          |||||  ||||   :| ||:::::|::||::  :|::|:
Cp   1035 tttcttgaagatgctctaaccaaatatccacagccacacc 996


RESULT   12
ID   US-08-357-264-2 STANDARD; DNA; UNC; 1200 BP.
AC   xxxxxx
DT
DE   Sequence 2, Application US/08357264
CC   Sequence 2, Application US/08357264
CC   Patent No. 5541077
CC    GENERAL INFORMATION:
CC      APPLICANT:  BURNIE Mr., James P.
CC      APPLICANT:  MATTHEWS Ms., Ruth C.
CC      TITLE OF INVENTION:  FUNGAL STRESS PROTEINS
CC      NUMBER OF SEQUENCES:  10
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Cushman, Darby & Cushman
CC        STREET:  1100 New York Avenue, N.W.
CC        CITY:  Washington
CC        STATE:  DC
CC        COUNTRY:  USA
CC        ZIP:  20005-3918
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.25
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/357,264
CC        FILING DATE:
CC        CLASSIFICATION:  435
CC      PRIOR APPLICATION DATA:
CC        APPLICATION NUMBER:  US 08/152669
CC        FILING DATE:  16-NOV-1993
CC        APPLICATION NUMBER:  US 663897
CC        FILING DATE:  14-MAR-1991
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CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  KOKULIS, Paul N.
CC        REGISTRATION NUMBER:  16773
CC        REFERENCE/DOCKET NUMBER:  PNK/5544/202253/DJP
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  202-861-3000
CC        TELEFAX:  202-822-0944
CC        TELEX:  6714627 CUSH
CC    INFORMATION FOR SEQ ID NO:  2:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  1200 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  single
CC        TOPOLOGY:  linear
CC      MOLECULE TYPE:  DNA (genomic)
SQ   SEQUENCE 1200 BP; 406 A; 224 C; 230 G; 323 T; 17 OTHER.

  Query Match             0.9%;  Score 24;  DB 1;  Length 1200;
  Best Local Similarity  42.5%;  Pred. No. 2.22e-01;
  Matches    17;  Conservative   15;  Mismatches   8;  Indels   0;  Gaps   0;

Db     315 TTTCTCCAAGAACAYCAAAYYHHHYAYYCAYHAAHAYHCY 354
           |||||  ||||   :| ||:::::|::||::  :|::|:
Cp    1035 tttcttgaagatgctctaaccaaatatccacagccacacc 996


RESULT   13
ID   US-08-676-974-2 STANDARD; DNA; UNC; 2277 BP.
AC   xxxxxx
DT
DE   Sequence 2, Application US/08676974
CC   Sequence 2, Application US/08676974
CC   Patent No. 5770422
CC    GENERAL INFORMATION:
CC      APPLICANT:  COLLINS, KATHLEEN
CC      TITLE OF INVENTION:  Human Telomerase
CC      NUMBER OF SEQUENCES:  10
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Science & Technology Law Group
CC        STREET:  268 Bush Street, Suite 3200
CC        CITY:  San Francisco
CC        STATE:  CA
CC        COUNTRY:  USA
CC        ZIP:  94104
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.30
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/676,974
CC        FILING DATE:
CC        CLASSIFICATION:  530
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  Osman Ph.D., Richard A
CC        REGISTRATION NUMBER:  36,627
CC        REFERENCE/DOCKET NUMBER:  UCB96-055
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  (415)343-4341
CC        TELEFAX:  (415)343-4342
CC    INFORMATION FOR SEQ ID NO:  2:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  2277 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  double
CC        TOPOLOGY:  linear
CC      MOLECULE TYPE:  cDNA
SQ   SEQUENCE 2277 BP; 511 A; 212 C; 395 G; 216 T; 943 OTHER.

  Query Match             0.9%;  Score 24;  DB 3;  Length 2277;
  Best Local Similarity  33.6%;  Pred. No. 2.22e-01;
  Matches    36;  Conservative   23;  Mismatches  48;  Indels   0;  Gaps   0;

Db    2113 AARCARGARAARCARCARYTNWSNWSNGARCARGTNWSNMGNAARAARGCNAARGGNAAY 2172
           ||:  :||:| : |: | :| :     ||: |:   :: :   |:|| |  ||     |
Cp     770 aaaatggagatatagtacttttagacgaagagagtagtaactaaaatgtaaactactag 711

Db    2173 AARACNGARACNMGNTTYAAYCARYTNGTNGARCARTAYAARCARAA 2219
           | :|  ||:    |  |:| :| ::      |: |:|| ||:||:||
Cp     710 acaaaagaatgttggctcagtcggtgcaacaaaaaatagaaacaaaa 664


RESULT   14
ID   US-08-676-967-2 STANDARD; DNA; UNC; 2277 BP.
AC   xxxxxx
DT
DE   Sequence 2, Application US/08676967
CC   Sequence 2, Application US/08676967
CC   Patent No. 5747317
CC    GENERAL INFORMATION:
CC      APPLICANT:  COLLINS, KATHLEEN
CC      TITLE OF INVENTION:  Human Telomerase
CC      NUMBER OF SEQUENCES:  10
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Science & Technology Law Group
CC        STREET:  268 Bush Street, Suite 3200
CC        CITY:  San Francisco
CC        STATE:  CA
CC        COUNTRY:  USA
CC        ZIP:  94104
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.30
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/676,967
CC        FILING DATE:
CC        CLASSIFICATION:  530
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  Osman Ph.D., Richard A
CC        REGISTRATION NUMBER:  36,627
CC        REFERENCE/DOCKET NUMBER:  UCB96-055
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  (415)343-4341
CC        TELEFAX:  (415)343-4342
CC    INFORMATION FOR SEQ ID NO:  2:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  2277 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  double
CC        TOPOLOGY:  linear
CC      MOLECULE TYPE:  cDNA
SQ   SEQUENCE 2277 BP; 511 A; 212 C; 395 G; 216 T; 943 OTHER.

  Query Match             0.9%;  Score 24;  DB 2;  Length 2277;
  Best Local Similarity  33.6%;  Pred. No. 2.22e-01;
  Matches    36;  Conservative   23;  Mismatches  48;  Indels   0;  Gaps   0;

Db    2113 AARCARGARAARCARCARYTNWSNWSNGARCARGTNWSNMGNAARAARGCNAARGGNAAY 2172
           ||:  :||:| : |: | :| :     ||: |:   :: :   |:|| |  ||     |
Cp     770 aaaatggagatatagtacttttagacgaagagagtagtaactaaaatgtaaactactag 711

Db    2173 AARACNGARACNMGNTTYAAYCARYTNGTNGARCARTAYAARCARAA 2219
           | :|  ||:    |  |:| :| ::      |: |:|| ||:||:||
Cp     710 acaaaagaatgttggctcagtcggtgcaacaaaaaatagaaacaaaa 664


RESULT   15
ID   US-08-471-052A-145 STANDARD; DNA; UNC; 65 BP.
AC   xxxxxx
DT
DE   Sequence 145, Application US/08471052A
CC   Sequence 145, Application US/08471052A
CC   Patent No. 5625033
CC    GENERAL INFORMATION:
```

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CC      APPLICANT:  Kay, B. K.
CC      APPLICANT:  Fowlkes, D. M.
CC      TITLE OF INVENTION:  Totally Synthetic Affinity Reagents
CC      NUMBER OF SEQUENCES:  166
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Pennie & Edmonds
CC        STREET:  1155 Avenue of the Americas
CC        CITY:  New York
CC        STATE:  New York
CC        COUNTRY:  U.S.A.
CC        ZIP:  10036-2711
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.25
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/471,052A
CC        FILING DATE:  06-JUNE-1995
CC        CLASSIFICATION:  530
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  Misrock, S. Leslie
CC        REGISTRATION NUMBER:  18,872
CC        REFERENCE/DOCKET NUMBER:  1101-179
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  212 790-9090
CC        TELEFAX:  212 869-8864/9741
CC        TELEX:  66141 PENNIE
CC    INFORMATION FOR SEQ ID NO:  145:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  65 bases
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  single
CC        TOPOLOGY:  unknown
CC      MOLECULE TYPE:  DNA
SQ   SEQUENCE 65 BP; 3 A; 3 C; 3 G; 2 T; 54 OTHER.

  Query Match             0.8%;  Score 22;  DB 1;  Length 65;
  Best Local Similarity   6.9%;  Pred. No. 2.53e+00;
  Matches     4;  Conservative   18;  Mismatches  36;  Indels   0;  Gaps   0;

Db       3 AGAVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNVNNA 60
           |||:  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  |
Cp    1173 agaactgcgcgcgaggaaaatacacgtgggaaccagcatgcgcagaggacgattggga 1116


Search completed: Tue Dec 28 21:02:50 1999
Job time : 474 secs.
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